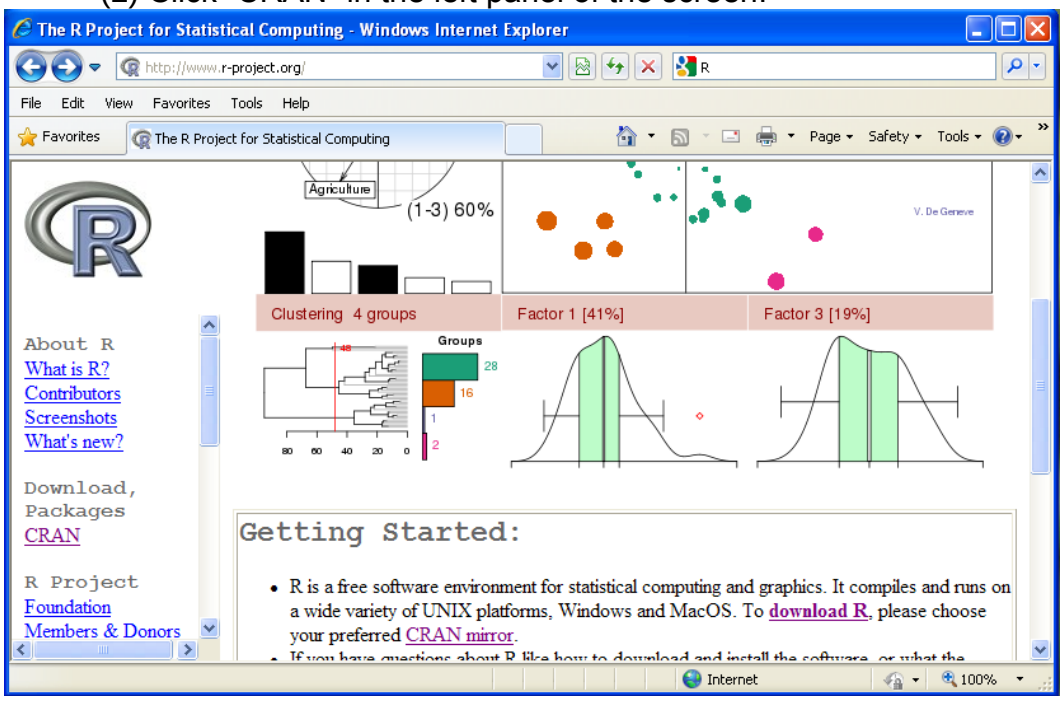
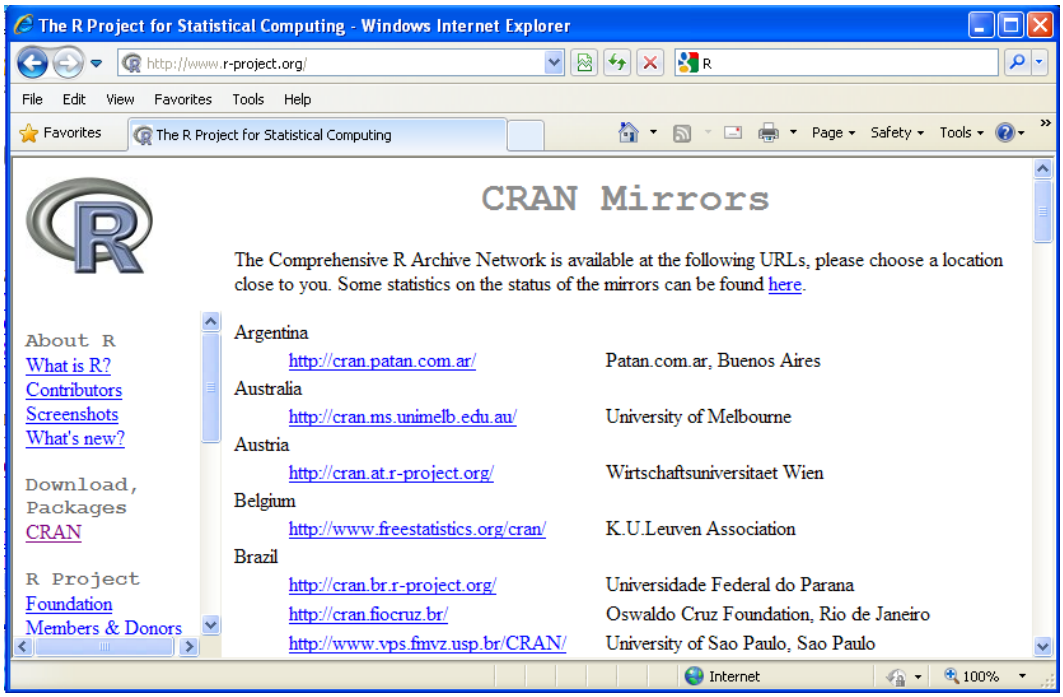
To download and install R:

(1) Go to: www.r-project.org

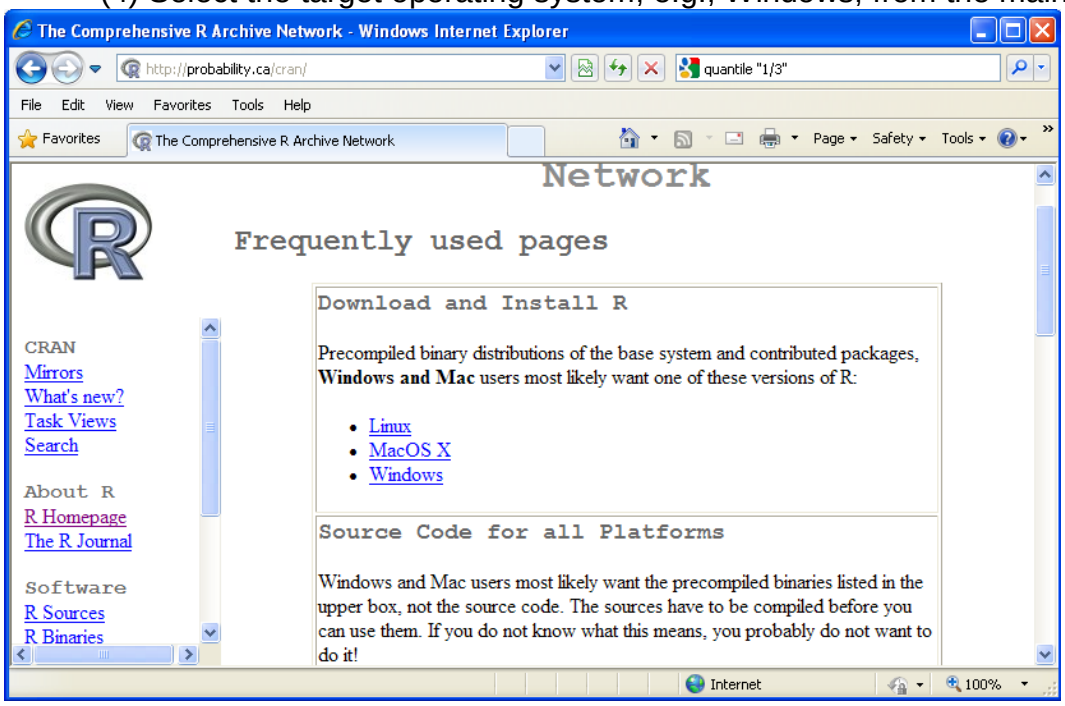
(2) Click “CRAN” in the left panel of the screen:



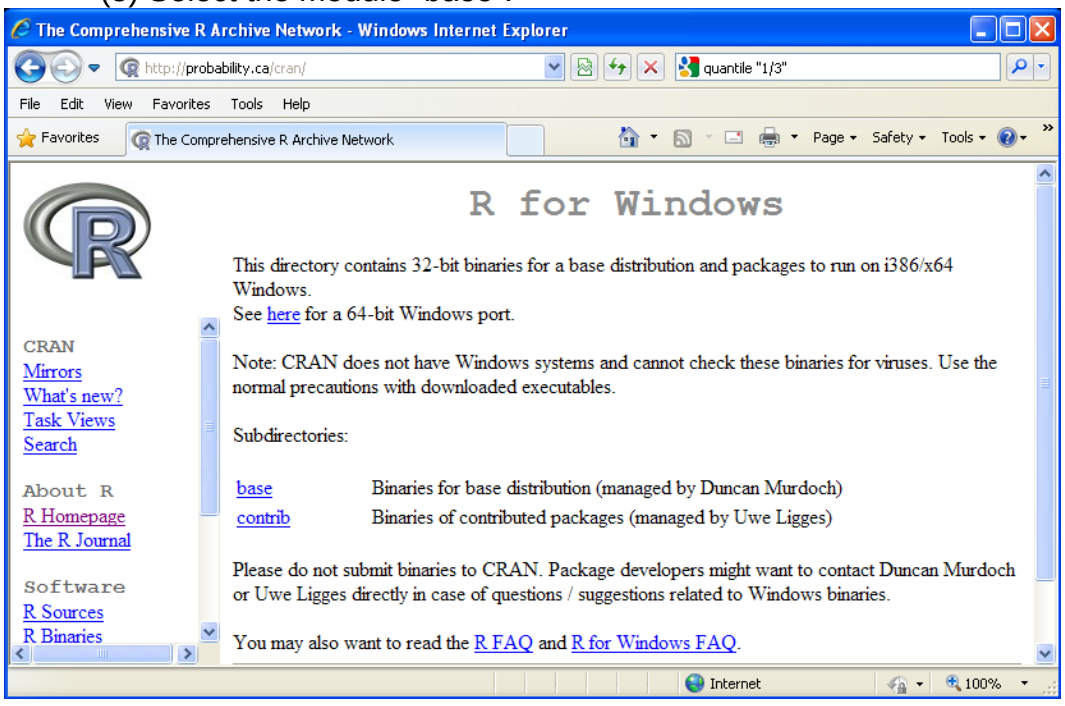
(3) Select your nearest site from the list of CRAN Mirrors, e.g., any of the three links in Brazil:



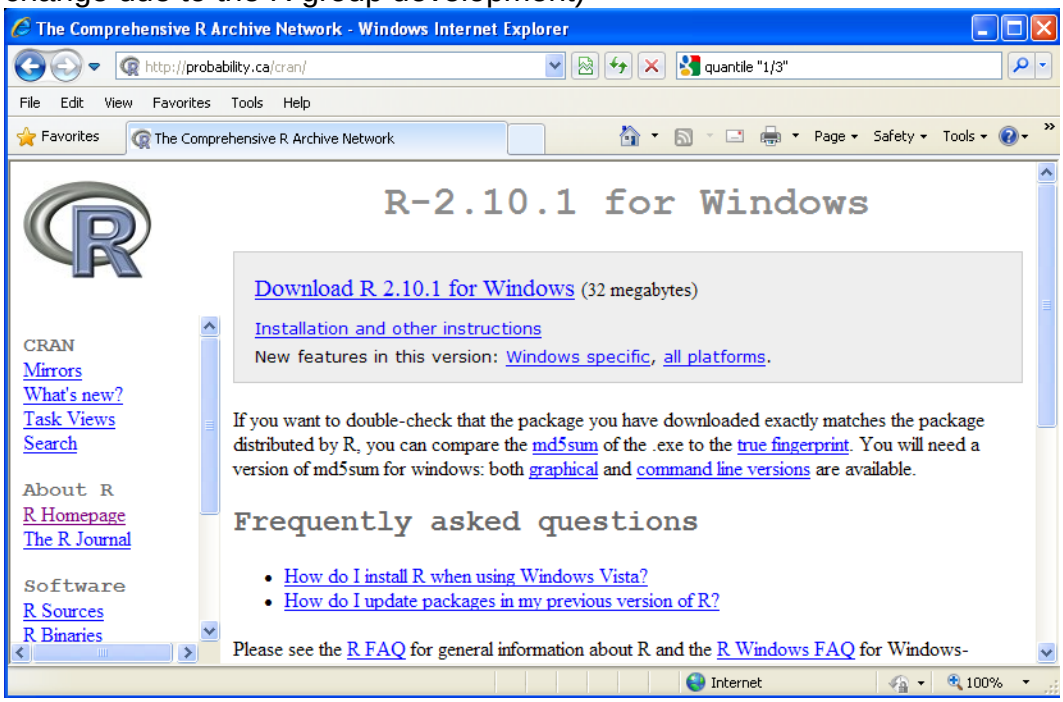
(4) Select the target operating system, e.g., Windows, from the main panel:



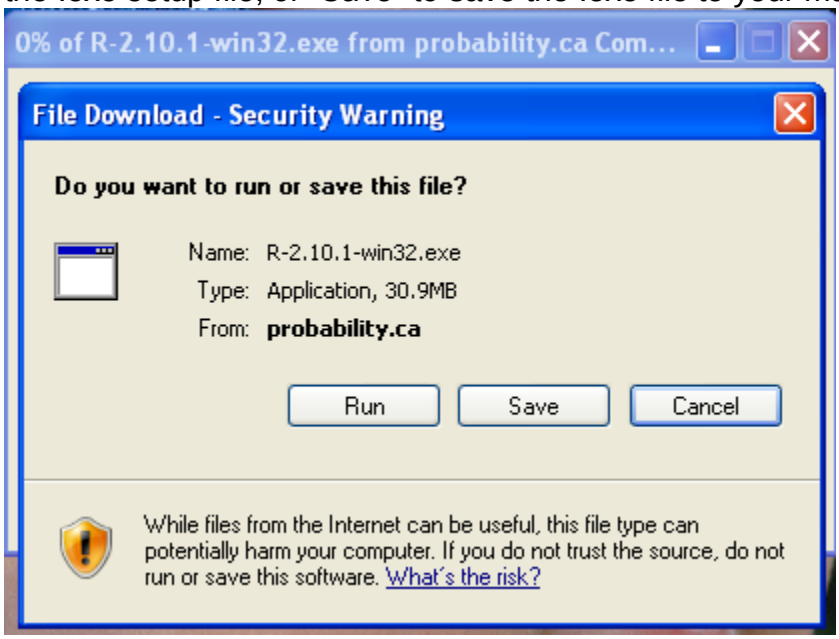
(5) Select the module “base”:



(6) Click on “Download R 2.10.1 for Windows” (the version number may change due to the R group development)

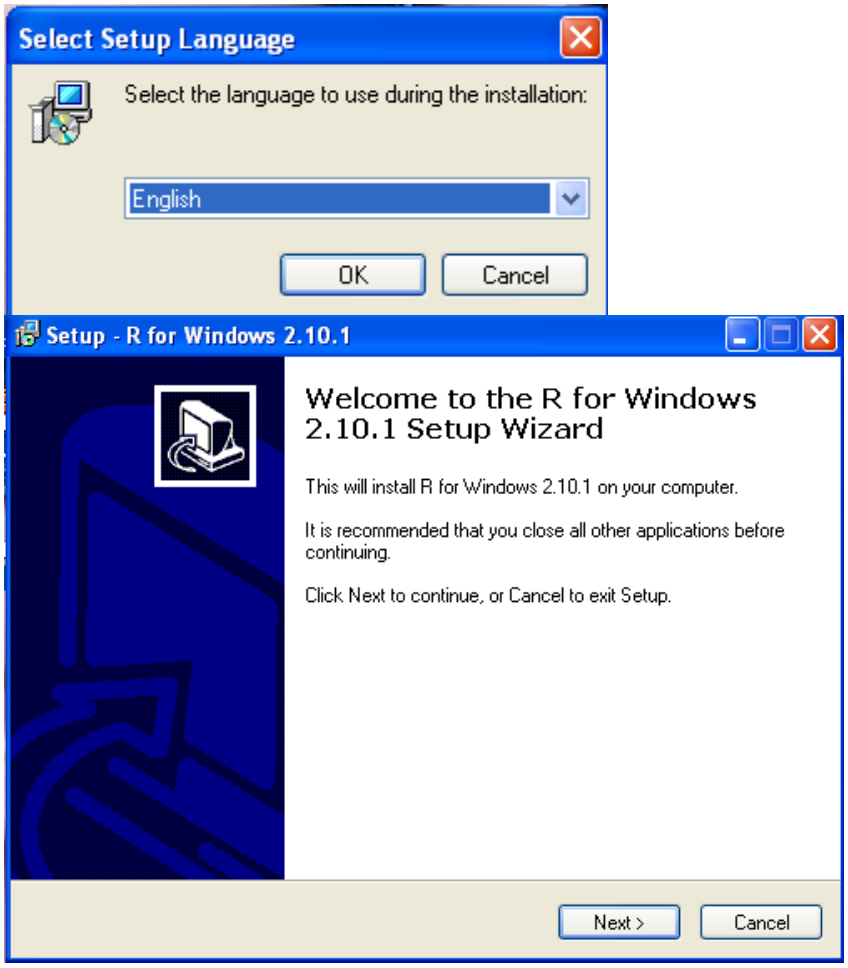


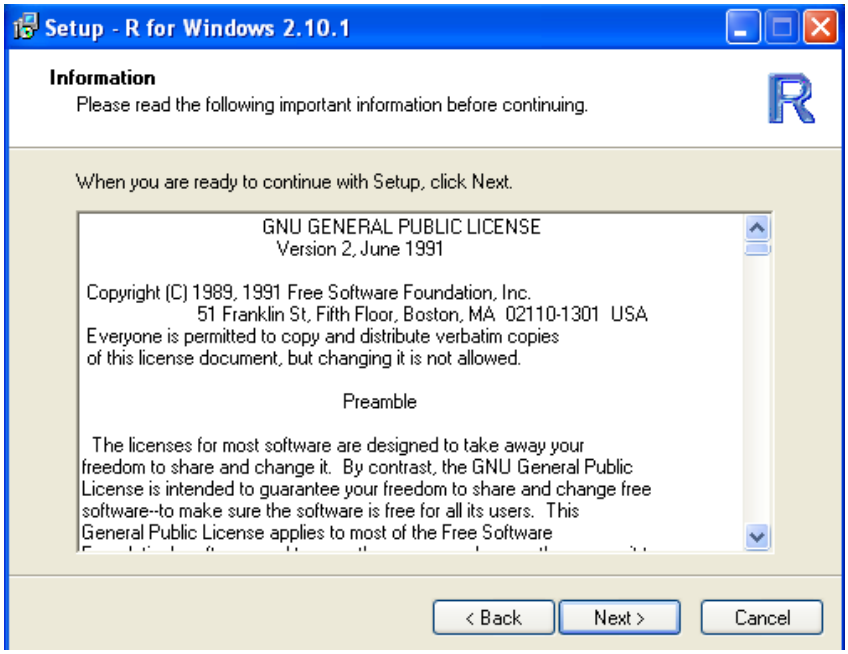
(6) Choose “Run” to run the setup to install R directly without saving the .exe setup file, or “Save” to save the .exe file to your machine and run it later.



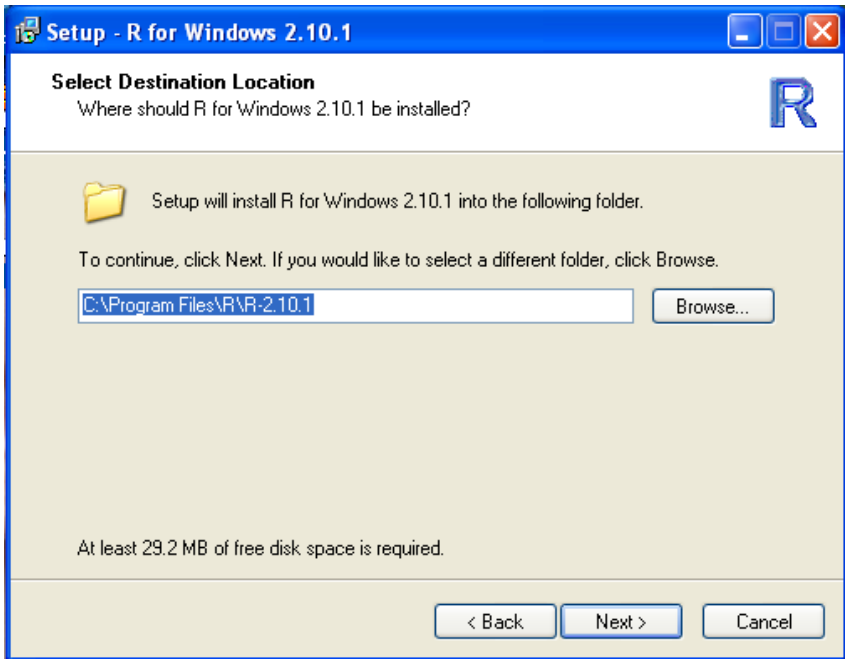
If you choose “Run”, it will download the .exe file to your Windows temporary folder and then run it. The following windows will pop up subsequently:

- Choose the language, then click “Next”.

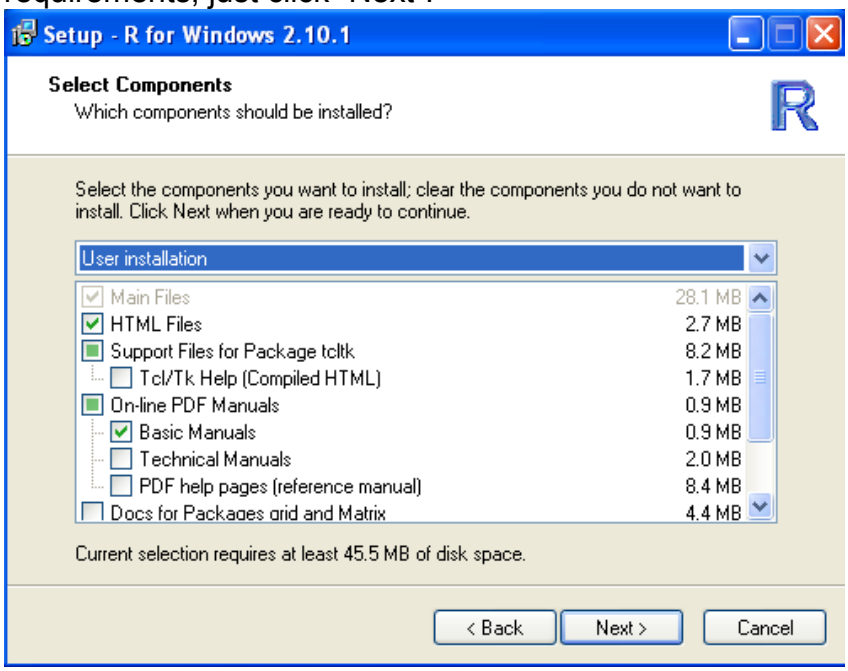




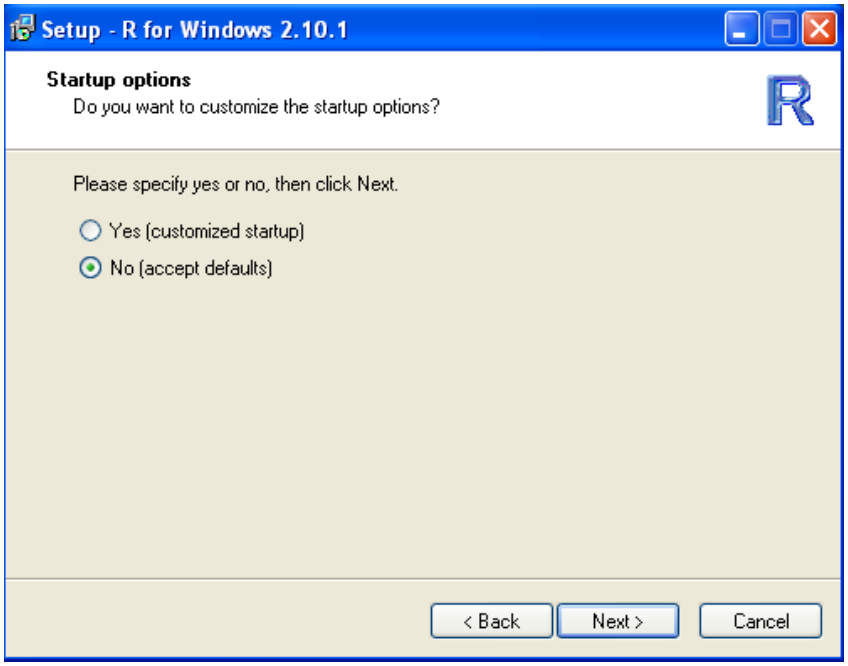
By default, R will be installed under: “C:\Program Files\R\R-…”:

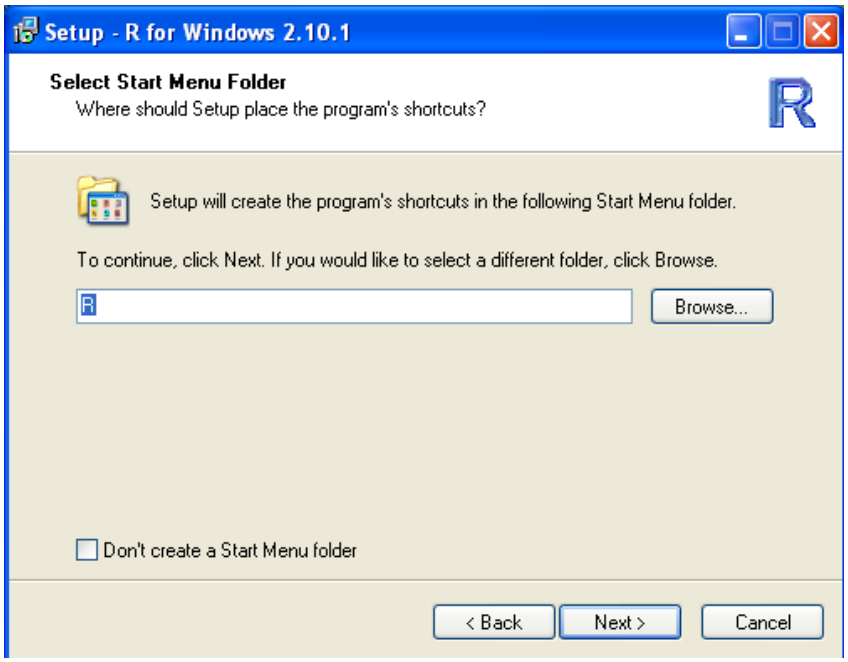


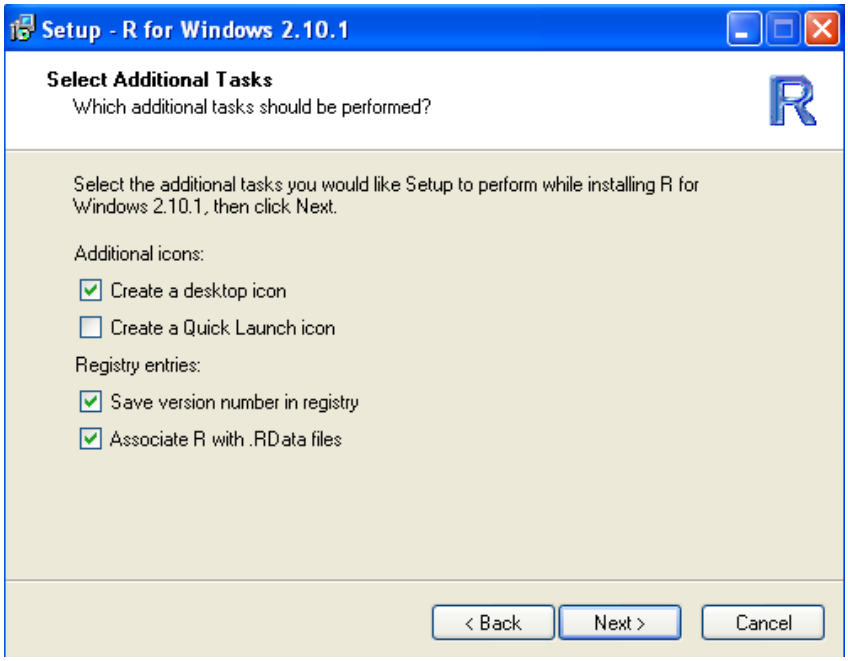
It will show “Select Components” with “default options”. If you have no specific requirements, just click “Next”:

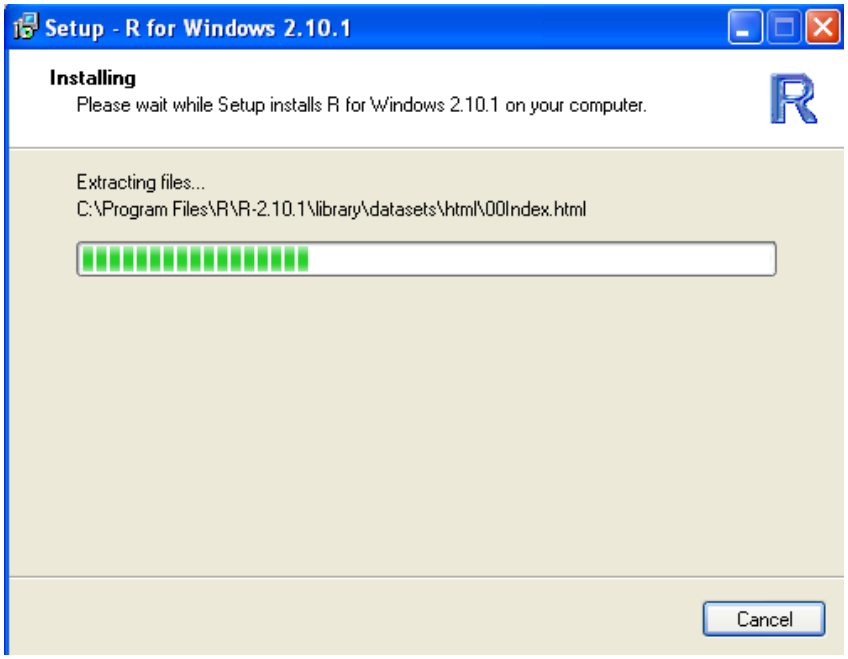


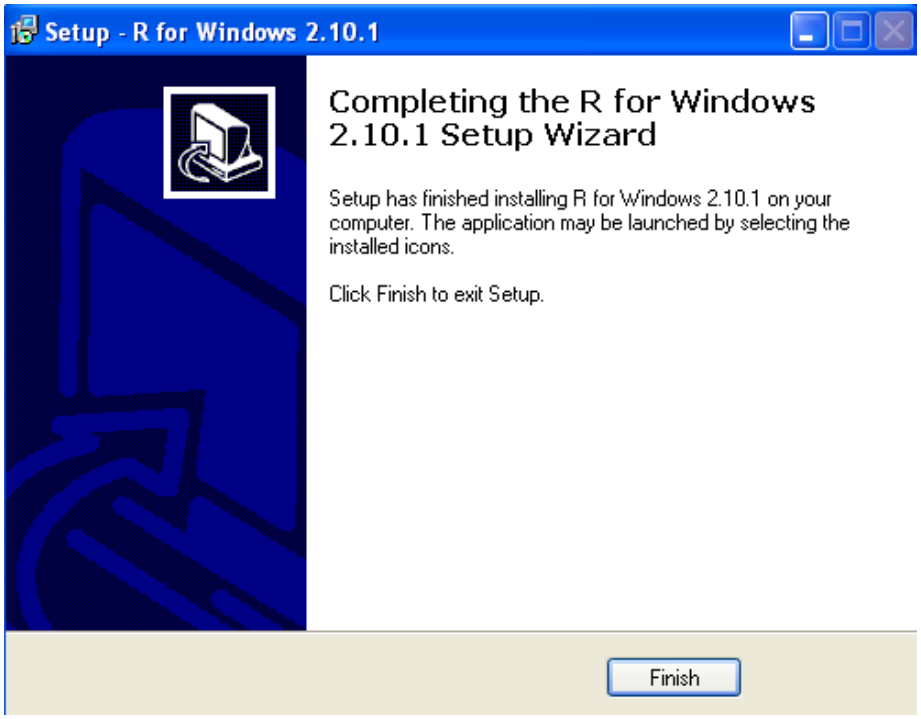
- Then, choose “No” to accept the default settings, and just keep clicking on “Next” in the following windows, until “Finish”.


Setup - R for Windows 2.10.1
Startup options
Do you want to customize the startup options?
Please specify yes or no, then click Next.
Yes (customized startup)
No (accept defaults)
< Back
Next >
Cancel


Setup - R for Windows 2.10.1
Select Start Menu Folder
Where should Setup place the program's shortcuts?
Setup will create the program's shortcuts in the following Start Menu folder.
To continue, click Next. If you would like to select a different folder, click Browse.
R
Browse...
Don't create a Start Menu folder
< Back
Next >
Cancel


Setup - R for Windows 2.10.1
Select Additional Tasks
Which additional tasks should be performed?
Select the additional tasks you would like Setup to perform while installing R for Windows 2.10.1, then click Next.
Additional icons:
Create a desktop icon
Create a Quick Launch icon
Registry entries:
Save version number in registry
Associate R with .RData files
< Back
Next >
Cancel


Setup - R for Windows 2.10.1
Installing
Please wait while Setup installs R for Windows 2.10.1 on your computer.
Extracting files...
C:\Program Files\R\R-2.10.1\library\datasets\html\00Index.html
Cancel


Setup - R for Windows 2.10.1
Completing the R for Windows 2.10.1 Setup Wizard
Setup has finished installing R for Windows 2.10.1 on your computer. The application may be launched by selecting the installed icons.
Click Finish to exit Setup.
Finish

To work in R:

When the installation is finished, you can run R by double-click the shortcut icon on your desktop:

or by choosing to run R in your “All Programs”.

Then, you can either use the drop-down menu or type-in command lines. Most items in the drop-down menu can be translated to command lines of function names along with parameters.

To run RHtests functions:

(1) Save the RHtests codes in a directory, e.g., “D:\RHtests\”, and make a subdirectory, say “data”, in this directory.

(2) Change the working directory to your “data” directory:

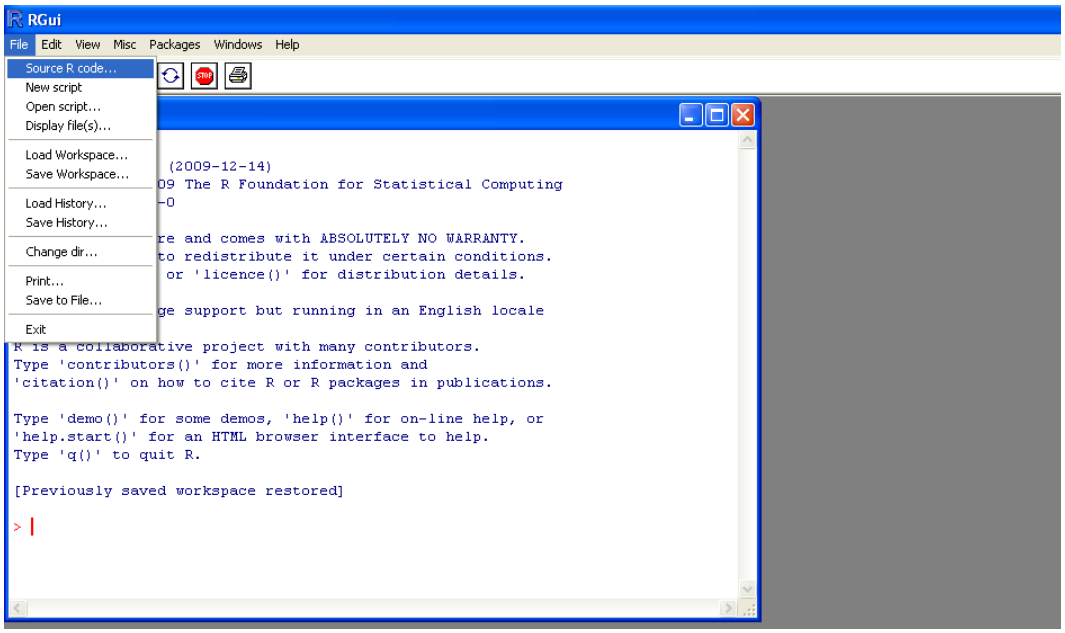
In drop-down menu, click “File” and choose “Change dir…” to go to your data directory (your desired working directory), e.g., “D:\RHtests\data”.

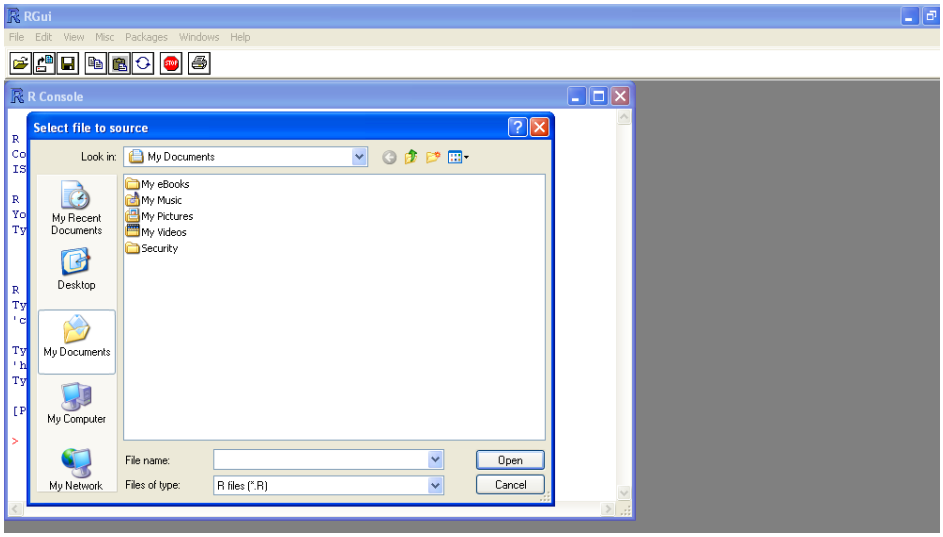
Or type in command line at the R prompt (>):

setwd(“D:\\RHtests\\data”)

(3) Source the RHtests codes:

In drop-down menu, click “File” and choose “Source R code” to choose the R codes to be used, e.g., “D:\RHtests\RHtestsV3.r”





Or, type in following line at the R prompt (>):

source("D:\\RHtests\\RHtestsV3.r")

(4) Type-in "StartGUI()" to use the RHtestsV3 functions in the GUI mode, or type-in a command line to run a function (see RHtestsV3 User Manual).

After above steps, user can follow steps outlined in the RHtests User Manual: http://cccma.seos.uvic.ca/ETCCDI/RHtest/RHtestsV3_UserManual.doc